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CENTRAL INTELLIGENCE AGENCY

# INFORMATION REPORT

REPORT

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COUNTRY East Germany

DATE DISTR 16 December 1954

SUBJECT Planned Construction at VEB Eisenhuettenkombinat J.W. Stalin, Stalinstadt

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1. Plant Expansion at VEB Eisenhuettenkombinat J. W. Stalin, Stalinstadt (formerly Fuerstenberg/Oder)

An investment plan published on 21 May 1954, called for an expansion of construction at a total cost of 70 million DME. The following buildings were to be built or completed:

| | | |
|---|---|---|
| a. | Blast furnace VI, completion date 15 June 1954 | 30,000,000 DME |
| b. | A smelter (Auftaustelle) for ores, completion | 10,000,000 DME |
| c. | A central warehouse and central receiving point (Wareneingang), completion | 5,000,000 DME |
| d. | Construction of belt installations (Bandanlagen) for furnaces V and VI | 5,000,000 DME |
| e. | Harbor installations and magnetic unloader, completion | 3,000,000 DME |
| f. | Expansion of the freight depot at Zietendorf, | 5,000,000 DME |
| g. | Expansion of cultural and sanitary installations | 5,000,000 DME |
| h. | Construction of pig casting machine (Masselgiessmaschine) III | 7,000,000 DME |
| | Total cost | 70,000,000 DME |

This plan was declared invalid. On 2 June, the Ministry of Heavy Industry presented a new plan, abandoning items c., e., and f. above, as well as an unspecified part of item g. The total of the new plan is not yet known. The cost of the rejected items is to be applied against the construction of a steel plant.

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2. Planned Steel Works at Stalinstadt

The construction of the new steel plant, forecast in the plan of 2 June 1954, is to begin in the fall of 1954. The foundations were laid in June 1953. The steel plant is to be provided with four Siemens-Martin furnaces, each with a capacity of 100 tons per day. Production will not start until 1956. It is not intended to build a mixer this year.

3. Power Plant

At present, about 2½ million cubic meters of stack gas per day are wasted. In order to utilize this for production, a power plant is to be constructed. It is to have two turbines, each with a capacity of 75 million kilowatts. With this equipment, the plant will produce more power than the plant in Berlin-Klingenberg.

4. Chemical Analysis of Ores

| Siemens-Martin Iron | Carbon % | Manganese | Phosphorus | Silicon | Sulphur |
|---|---|---|---|---|---|
| Planned | 2.5 - 3.5 | 2.5 - 1.0 | 0.09 - 0.2 | 0.2 - 1.0 | 0.0 |
| Actual | 2.5 - 3.5 | 2.5 - 1.0 | 0.1 | 0.2 - 1.0 | 0.0 - 1.0 |
| **Spiegeleisen** | | | | | |
| Planned | 2.5 - 3.5 | 6.0 - 20.0 | 0.06.-1.0 | 0.3 | 0.02 |
| Actual | 4.0 - 5.5 | 11.0 - 20.0 | 0.5 -1.5 | 0.3 | 0.5 - 2.5 |

Hematite

Same analysis as that for Siemens-Martin iron.

5. Planned Production

The Production Plan calls for an output of 840,000 tons in 1954. Daily production was only 80 percent fulfilled owing to lack of auxiliary materials, especially coke and lime and because of poor replacement parts.

6. Research and Development

The mixing of Lauchhammer coke with bituminous coal coke to feed the blast furnaces has not proved effective. The mix ure is too [illegible], and the air sucked in, forces the coke to rise, or it adheres to the bell (haengt an der Glocke). This is also the reason for the air being full of soot in the entire area around Stalinstadt.

Lauchhammer coke seems to be used effectively in the lowshaft furnaces (Niederschachtofen) at Calbe-West. Production there, however, is much smaller, as the following figures show:

| | |
|---|---|
| 1 blast furnace | 400 tons a day |
| 1 lowshaft | 180 tons a day |

At present, there are four lowshaft furnaces in operation at Calbe-West.



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